WHAT IS CLAIMED IS:

1. A method of communicating a fax message via a computer network, the method comprising:

receiving the fax message by a server having at least one dial-up modem; determining availability of the dial-up modem; and sending the fax message via the dial-up modem to a receiver.

- 2. The method of Claim 1, further comprising storing the fax message at the server.
- 3. The method of Claim 1, further comprising reserving an available dial-up modem for transmitting the fax message to the receiver.
- 4. The method of Claim 1, wherein determining availability of the dial-up modem comprises identifying the active or inactive state of the dial-up modem.
- 5. The method of Claim 1, wherein determining availability of the dial-up modem is performed periodically at predetermined times, or at start-up of the server, or after the modem is removed or another modem is added.
- 6. The method of Claim 5, further comprising saving the active or inactive state of the dial-up modem in a memory.
- 7. The method of Claim 1, further comprising queuing the fax message for sending at a later time if there is no dial-up modem available for immediate sending.
- 8. The method of Claim 7, wherein queuing the fax message includes waiting for a period of time that is based upon at least one characteristic of the load upon the dial-up modem.
- 9. The method of Claim 1, further comprising sending a transmittal report to a transceiver having originated the fax message.
- 10. The method of Claim 1, wherein sending the fax message includes sending the fax message to a receiver that is physically located in the local-toll area of the server.
 - 11. The method of Claim 1, wherein receiving the fax message includes handling the fax message according to the T.37 standard.
 - 12. The method of Claim 1, wherein receiving the fax message includes receiving the fax message via the Internet.

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13. A system for communicating a fax message via a computer network, the system comprising:

means for receiving the fax message, wherein the receiving means is in communication with at least one dial-up modem;

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means for determining availability of the dial-up modem; and means for sending the fax message via the dial-up modem to a receiver.

- 14. The system of Claim 13, further comprising means for storing the fax message at the receiving means.
- 15. The system of Claim 13, further comprising means for reserving an available dial-up modem for transmitting the fax message to the receiver.
- 16. The system of Claim 13, further comprising means for queuing the fax message for sending at a later time if there is no dial-up modem available for immediate sending.
- 17. A program storage device storing instructions that when executed by a computer performs the method comprising:

receiving the fax message by a server having at least one dial-up modem; determining availability of the dial-up modem; and sending the fax message via the dial-up modem to a receiver.

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- 18. The program storage device of Claim 17, wherein the method further comprises reserving an available dial-up modem for transmitting the fax message to the receiver.
- 19. The program storage device of Claim 17, wherein the method further comprises queuing the fax message for sending at a later time if there is no dial-up modem available for immediate sending.

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- 20. The program storage device of Claim 19, wherein queuing the fax message includes waiting for a period of time that is based upon at least one characteristic of the load upon the dial-up modem.
- 21. A method of communicating a fax message via a computer network, the method comprising:

transmitting a fax from a first fax transceiver to a first server;

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forwarding of the fax by the first server, via a computer network, to a second server having a plurality of dial-up modems;

receiving and storing the fax at the second server;

determining availability of each of the dial-up modems;

queuing transmission of the fax for a period of time, and determining availability of each of the dial-up modems upon expiration of the time period, if none of the dial-up modems is available;

sending the fax via a selected one of the dial-up modems, determined to be available, to a second fax transceiver, wherein the second fax transceiver is physically located in the same local-toll area, of a public telephone network, as the second server.

- 22. The method of Claim 21, wherein receiving and storing includes processing the fax message according to the store-and-forward protocol.
- 23. The method of Claim 21, further comprising the act of reserving an available dial-up modem for sending the fax.
- 24. The method of Claim 21, wherein queuing transmission of the fax includes waiting for a period of time that is based upon at least one characteristic of the load upon the dial-up modem.
- 25. A program storage device storing instructions that when executed by a computer performs the method of communicating a fax message via a computer network, the method comprising:

transmitting a fax from a first fax transceiver to a first server;

forwarding of the fax by the first server, via a computer network, to a second server having a plurality of dial-up modems;

receiving and storing the fax at the second server;

determining availability of each of the dial-up modems;

queuing transmission of the fax for a period of time, and determining availability of each of the dial-up modems upon expiration of the time period, if none of the dial-up modems is available;

sending the fax via a selected one of the dial-up modems, determined to be available, to a second fax transceiver, wherein the second fax transceiver is

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physically located in the same local-toll area, of a public telephone network, as the second server.

- 26. The program storage device of Claim 25, wherein receiving and storing the fax message includes processing the fax message according to the store-and-forward protocol.
- 27. The program storage device of Claim 25, wherein the method further comprises the act of reserving an available dial-up modem for sending the fax.
- 28. The program storage device of Claim 25, wherein queuing the fax comprises waiting for a predetermined period of time that is based upon at least one characteristic of the load upon the dial-up modem.
- 29. A system for communicating a fax message via a computer network, the system comprising:

a server that is configured to receive the fax message, wherein the server is in communication with the computer network;

at least one dial-up modem, in communication with the server, configured to send the fax message to a receiver; and

a communication link for delivery of the fax message to the receiver.

30. The system of Claim 29, wherein the server executes a fax handling process, comprising:

receiving the fax message by the server; storing the fax message in a memory; determining the availability of the at least one dial-up modem; and

sending the availability of the at least one dial-up modem; and sending the fax message via the dial-up modem to a receiver.

- 31. The system of Claim 29, wherein the communication link comprises a public switched telephone network, a conventional telephone link, a fiber optic link, or a wireless link.
- 32. The system of Claim 29, wherein the receiver is physically located in the local-toll area of the server.
 - 33. The system of Claim 29, wherein the computer network is the Internet.
- 34. A system for communicating a store-and-forward fax message via a computer network, the system comprising:

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a server that is configured to receive the fax message, wherein the server is in communication with the computer network; a plurality of dial-up modems, in communication with the server, configured to send the fax message to a receiver; a module executing in the server for processing the fax, wherein processing the fax comprises: storing the fax in a memory; determining the availability of the each dial-up modem in the plurality dial-up modems; queuing the fax for later delivery if none of the dial-up modems is available; and sending the fax message via one of the dial-up modems to a receiver; and a communication link for delivery of the fax message to the receiver. 35. The system of Claim 34, wherein the receiver is physically located in the local-toll area of the server. 36. The system of Claim 34, wherein the communication link comprises a public switched telephone network, a conventional telephone link, a fiber optic link, or a wireless link. 37. The system of Claim 34, wherein the computer network is the Internet. 38. A system for communicating a store-and-forward fax message via a computer network, the system comprising: means for receiving the fax message, wherein the receiving means is in communication with the computer network; means for processing the fax, wherein processing the fax comprises: storing the fax in a memory; determining the availability of at least one dial-up modem; queuing the fax for later delivery if the at least one dial-up modems is unavailable; and sending the fax message via the at least one dial-up modem; and

means for delivering the fax message to a receiver;

- 39. The system of Claim 38, wherein the receiver is physically located in the local-toll area of the receiving means.
- 40. The system of Claim 38, wherein the delivering means comprises a public switched telephone network, a conventional telephone link, a fiber optic link, or a wireless link.
 - 41. The system of Claim 38, wherein the computer network is the Internet.